

WEST Search History

DATE: Friday, June 27, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L7	L6 NOT L5	24	L7
L6	LUCHE.IN.	31	L6
L5	L3 AND L2	19	L5
L4	L3 NOT L2	33	L4
L3	L1 with MAP\$	52	L3
L2	L1 with human	52	L2
L1	dual near3 phosphatase	216	L1

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 19 returned.**☐ 1. Document ID: US 20030119045 A1

L5: Entry 1 of 19

File: PGPB

Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030119045

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030119045 A1

TITLE: DSP-9 dual-specificity phosphatase

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luche, Ralf M.	Seattle	WA	US	
Wei, Bo	Kirkland	WA	US	

US-CL-CURRENT: 435/6; 424/146.1, 435/196, 435/320.1, 435/69.1, 435/7.2, 435/91.2,
514/44, 530/388.26, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 2. Document ID: US 20030083285 A1

L5: Entry 2 of 19

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030083285

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030083285 A1

TITLE: ANTISENSE INHIBITION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cowsert, Lex M.	San Mateo	CA	US	
Monia, Brett P.	Encinitas	CA	US	

US-CL-CURRENT: 514/44; 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 3. Document ID: US 20030060437 A1

L5: Entry 3 of 19

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030060437

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030060437 A1

TITLE: Antisense modulation of dual specific phosphatase 5 expression

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Monia, Brett P.	La Costa	CA	US	
Watt, Andrew T.	Vista	CA	US	

US-CL-CURRENT: 514/44; 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: US 20020182203 A1

L5: Entry 4 of 19

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020182203
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020182203 A1

TITLE: DSP-15 dual-specificity phosphatase

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luche, Ralf M.	Seattle	WA	US	
Wei, Bo	Kirkland	WA	US	

US-CL-CURRENT: 424/94.6; 435/196, 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
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☐ 5. Document ID: US 20020151007 A1

L5: Entry 5 of 19

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020151007
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020151007 A1

TITLE: Methods of use of a novel lysyl oxidase-related protein

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Khodadoust, Mehran M.	Brookline	MA	US	
MacBeth, Kyle J.	Boston	MA	US	

US-CL-CURRENT: 435/183; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 20020137170 A1

L5: Entry 6 of 19

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020137170

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020137170 A1

TITLE: DSP-16 dual-specificity phosphatase

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luche, Ralf M.	Seattle	WA	US	
Wei, Bo	Kirkland	WA	US	

US-CL-CURRENT: 435/196; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 7. Document ID: US 20020102693 A1

L5: Entry 7 of 19

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102693

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102693 A1

TITLE: DSP-14 dual-specificity phosphatase

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luche, Ralf M.	Seattle	WA	US	

US-CL-CURRENT: 435/196; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 8. Document ID: US 20020090703 A1

L5: Entry 8 of 19

File: PGPB

Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020090703

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020090703 A1

TITLE: Mammalian protein phosphatases

PUBLICATION-DATE: July 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Plowman, Gregory D.	San Carlos	CA	US	
Martinez, Ricardo	Foster City	CA	US	
Whyte, David	Belmont	CA	US	
Manning, Gerard	Menlo Park	CA	US	
Sudarsanam, Sucha	Greenbrae	CA	US	
Caenepeel, Sean	Oakland	CA	US	
Hill, Ron	Burlingame	CA	US	
Flanagan, Peter	San Francisco	CA	US	

US-CL-CURRENT: 435/196; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KM/C	Draw Desc	Image
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☐ 9. Document ID: US 20020065406 A1

L5: Entry 9 of 19

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020065406

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020065406 A1

TITLE: 18221, a novel dual specificity phosphatase and uses thereof

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Meyers, Rachel A.	Newton	MA	US	

US-CL-CURRENT: 536/23.1; 435/196, 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KM/C	Draw Desc	Image
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☐ 10. Document ID: US 20020034807 A1

L5: Entry 10 of 19

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020034807

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020034807 A1

TITLE: 38692 and 21117, novel dual specificity phosphatase molecules and uses therefor

PUBLICATION-DATE: March 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Meyers, Rachel A.	Newton	MA	US	

US-CL-CURRENT: 435/196; 435/325, 435/6, 435/69.1, 435/7.1, 514/44, 530/388.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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Terms	Documents
L3 AND L2	19

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 19 of 19 returned.**☐ 11. Document ID: US 20010049358 A1

L5: Entry 11 of 19

File: PGPB

Dec 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010049358

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010049358 A1

TITLE: DSP-12 and DSP-13 dual-specificity phosphatases

PUBLICATION-DATE: December 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luche, Ralf M.	Seattle	WA	US	
Wei, Bo	Kirkland	WA	US	

US-CL-CURRENT: 514/12; 435/196, 435/325, 435/6, 435/69.1, 435/7.1[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KIMC](#) [Draw Desc](#) [Image](#)☐ 12. Document ID: US 6566133 B1

L5: Entry 12 of 19

File: USPT

May 20, 2003

US-PAT-NO: 6566133

DOCUMENT-IDENTIFIER: US 6566133 B1

TITLE: Antisense inhibition of dual specific phosphatase 9 expression

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KIMC](#) [Draw Desc](#) [Image](#)☐ 13. Document ID: US 6551810 B1

L5: Entry 13 of 19

File: USPT

Apr 22, 2003

US-PAT-NO: 6551810

DOCUMENT-IDENTIFIER: US 6551810 B1

TITLE: DSP-10 dual-specificity phosphatase

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KIMC](#) [Draw Desc](#) [Image](#)☐ 14. Document ID: US 6548743 B1

L5: Entry 14 of 19

File: USPT

Apr 15, 2003

US-PAT-NO: 6548743

DOCUMENT-IDENTIFIER: US 6548743 B1

TITLE: Transgenic plants expressing a dual-specificity MAPK phosphatase and uses thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 15. Document ID: US 6492157 B1

L5: Entry 15 of 19

File: USPT

Dec 10, 2002

US-PAT-NO: 6492157

DOCUMENT-IDENTIFIER: US 6492157 B1

TITLE: DSP-9 dual-specificity phosphatase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 16. Document ID: US 6482644 B1

L5: Entry 16 of 19

File: USPT

Nov 19, 2002

US-PAT-NO: 6482644

DOCUMENT-IDENTIFIER: US 6482644 B1

TITLE: Antisense modulation of dual specific phosphatase 8 expression

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 17. Document ID: US 6420153 B1

L5: Entry 17 of 19

File: USPT

Jul 16, 2002

US-PAT-NO: 6420153

DOCUMENT-IDENTIFIER: US 6420153 B1

TITLE: 18232, a novel dual specificity phosphatase and uses therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 18. Document ID: US 6300092 B1

L5: Entry 18 of 19

File: USPT

Oct 9, 2001

US-PAT-NO: 6300092

DOCUMENT-IDENTIFIER: US 6300092 B1

**** See image for Certificate of Correction ****

TITLE: Methods of use of a novel lysyl oxidase-related protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 19. Document ID: US 5998188 A

L5: Entry 19 of 19

File: USPT

Dec 7, 1999

US-PAT-NO: 5998188

DOCUMENT-IDENTIFIER: US 5998188 A

TITLE: Mitogen activated protein kinase phosphatase cDNAs and their biologically active expression products

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEx enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 20	EVENTLINE will be removed from STN
NEWS	28	Mar 24	PATDPAFULL now available on STN
NEWS	29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	30	Apr 11	Display formats in DGENE enhanced
NEWS	31	Apr 14	MEDLINE Reload
NEWS	32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	33	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS	34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	35	Apr 28	RDISCLOSURE now available on STN
NEWS	36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS	39	May 16	CHEMREACT will be removed from STN
NEWS	40	May 19	Simultaneous left and right truncation added to WSCA
NEWS	41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS	42	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS	43	Jun 06	PASCAL enhanced with additional data
NEWS	44	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS	45	Jun 25	HSDB has been reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT

MACINTOSH VERSION V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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SINCE FILE	TOTAL
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=> S DUAL (5A) PHOSPHATASE
L1 3545 DUAL (5A) PHOSPHATASE

=> S L1 (5A) MAP?
L2 590 L1 (5A) MAP?

=> S L2 AND HUMAN
9 FILES SEARCHED...
L3 229 L2 AND HUMAN

=> S L3 (5A) (DNA OR RECOMBINANT OR GENE?)
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L25 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L26 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L27 (5A) (DNA'
3 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L28 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L30 (5A) (DNA'
6 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L31 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L32 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L33 (5A) (DNA'
9 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L34 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L35 (5A) (DNA'
L4 188 L3 (5A) (DNA OR RECOMBINANT OR GENE?)

=> S L3 (5A) (DNA OR RECOMBINANT OR GEN? OR NUCLE?)
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L25 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L26 (5A) (DNA'
2 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L27 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L28 (5A) (DNA'
4 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L30 (5A) (DNA'
6 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L31 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L32 (5A) (DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L33 (5A) (DNA'
9 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L34 (5A) (DNA'
10 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L35 (5A) (DNA'
L5 203 L3 (5A) (DNA OR RECOMBINANT OR GEN? OR NUCLE?)

=> DUP REM L5
PROCESSING COMPLETED FOR L5
L6 67 DUP REM L5 (136 DUPLICATES REMOVED)

=> D 1-10

AN 2003030962 MEDLINE
 DN 22425985 PubMed ID: 12538800
 TI Glucocorticoids induce rapid up-regulation of mitogen-activated protein kinase phosphatase-1 and dephosphorylation of extracellular signal-regulated kinase and impair proliferation in **human** and mouse osteoblast cell lines.
 AU Engelbrecht Y; de Wet H; Horsch K; Langeveldt C R; Hough F S; Hulley P A
 CS Endocrinology and Metabolism Unit, Department of Internal Medicine, University of Stellenbosch, Tygerberg 7505, Cape Town, South Africa.
 SO ENDOCRINOLOGY, (2003 Feb) 144 (2) 412-22.
 Journal code: 0375040. ISSN: 0013-7227.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 200302
 ED Entered STN: 20030123
 Last Updated on STN: 20030214
 Entered Medline: 20030213

L6 ANSWER 2 OF 67 MEDLINE DUPLICATE 2
 AN 2003179794 MEDLINE
 DN 22533215 PubMed ID: 12646169
 TI LPS regulate ERK1/2-dependent signaling in cardiac fibroblasts via PKC-mediated MKP-1 induction.
 AU Stawowy Philipp; Goetze Stephan; Margeta Christian; Fleck Eckart; Graf Kristof
 CS Department of Medicine/Cardiology, Deutsches Herzzentrum Berlin, Augustenburger Platz 1, D-13353 Berlin, Germany.
 SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2003 Mar 28) 303 (1) 74-80.
 Journal code: 0372516. ISSN: 0006-291X.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200305
 ED Entered STN: 20030418
 Last Updated on STN: 20030523
 Entered Medline: 20030522

L6 ANSWER 3 OF 67 HCAPLUS COPYRIGHT 2003 ACS
 AN 2002:256483 HCAPLUS
 DN 136:290009
 TI Protein and cDNA sequences of a novel **human** protein DSP-16 with dual-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
 IN Luche, Ralf M.; Wei, Bo
 PA Ceptyr, Inc., USA
 SO PCT Int. Appl., 87 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002026997	A2	20020404	WO 2001-US30124	20010925
	WO 2002026997	A3	20030109		
	W:		AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
AU	2001094744	A5	20020408	AU 2001-94744	20010925
US	2002137170	A1	20020926	US 2001-964277	20010925

PRAI US 2000-235487P P 20000926
WO 2001-US30124 W 20010925

L6 ANSWER 4 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2002:240816 HCAPLUS
DN 136:274309

TI Protein and cDNA sequences of the novel protein DSP-15 from human
and mouse, with dual-specificity MAP kinase
phosphatase activity, and therapeutic uses thereof

IN Luche, Ralf M.; Wei, Bo

PA Ceptyr, Inc., USA

SO PCT Int. Appl., 91 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002024740	A2	20020328	WO 2001-US29406	20010919
	WO 2002024740	A3	20021205		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002182203	A1	20021205	US 2001-955732	20010918
	AU 2001091146	A5	20020402	AU 2001-91146	20010919
PRAI	US 2000-233833P	P	20000919		
	US 2001-955732	A	20010918		
	WO 2001-US29406	W	20010919		

L6 ANSWER 5 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
3

AN 2002:434361 BIOSIS

DN PREV200200434361

TI A novel dual specificity phosphatase SKRP1 interacts

with the MAPK kinase MKK7 and inactivates the JNK MAPK pathway.

Implication for the precise regulation of the particular MAPK pathway.

AU Zama, Takeru; Aoki, Ryoko; Kamimoto, Takahiro; Inoue, Koichi; Ikeda, Yasuo; Hagiwara, Masatoshi (1)

CS (1) Functional Genomics Dept., Medical Research Institute, Tokyo Medical and Dental University, 1-5-45 Yushima, Bunkyo-ku, Tokyo, 113-8510: m.hagiwara.end@mri.tmd.ac.jp Japan

SO Journal of Biological Chemistry, (June 28, 2002) Vol. 277, No. 26, pp. 23909-23918. <http://www.jbc.org/>. print. ISSN: 0021-9258.

DT Article

LA English

L6 ANSWER 6 OF 67 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.

AN 2002341235 EMBASE

TI MAP kinase phosphatases.

AU Theodosiou A.; Ashworth A.

CS A. Ashworth, Breakthrough Breast Cancer Res. Ctr., Institute of Cancer Research, Fulham Road, London SW3 6JB, United Kingdom. alana@icr.ac.uk

SO Genome Biology, (2002) 3/7 (3009.1-3009.10).

Refs: 68

ISSN: 1465-6906 CODEN: GNBLEW

CY United Kingdom

DT Journal; General Review

FS 029 Clinical Biochemistry

LA English

SL English

L6 ANSWER 7 OF 67 MEDLINE

DUPLICATE 4

AN 2002075845 MEDLINE
 DN 21659740 PubMed ID: 11711538
 TI Two clusters of residues at the docking groove of mitogen-activated protein kinases differentially mediate their functional interaction with the tyrosine phosphatases PTP-SL and STEP.
 AU Tarrega Celine; Blanco-Aparicio Carmen; Munoz Juan Jose; Pulido Rafael
 CS Instituto de Investigaciones Citologicas, Amadeo de Saboya, 4, 46010 Valencia, Spain.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jan 25) 277 (4) 2629-36.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200202
 ED Entered STN: 20020125
 Last Updated on STN: 20030105
 Entered Medline: 20020225

L6 ANSWER 8 OF 67 MEDLINE DUPLICATE 5
 AN 2002114838 MEDLINE
 DN 21839834 PubMed ID: 11850813
 TI ATM-dependent activation of the **gene** encoding MAP kinase phosphatase 5 by radiomimetic **DNA** damage.
 AU Bar-Shira Anat; Rashi-Elkeles Sharon; Zlochover Liat; Moyal Lilach; Smorodinsky Nechama I; Seger Rony; Shiloh Yosef
 CS The David and Inez Myers Laboratory for Genetic Research, Department of Human Genetics and Molecular Medicine, Sackler School of Medicine, Tel Aviv University, Tel Aviv 69978, Israel.
 NC R01 NS31763 (NINDS)
 SO ONCOGENE, (2002 Jan 24) 21 (5) 849-55.
 Journal code: 8711562. ISSN: 0950-9232.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200202
 ED Entered STN: 20020219
 Last Updated on STN: 20020228
 Entered Medline: 20020227

L6 ANSWER 9 OF 67 HCAPLUS COPYRIGHT 2003 ACS
 AN 2001:816882 HCAPLUS
 DN 135:353855
 TI Protein and cDNA sequences of a novel **human** protein DSP-14 with **dual-specificity MAP kinase phosphatase** activity, and therapeutic uses thereof
 IN Lucche, Ralf M.; Wei, Bo
 PA Ceptyr, Inc., USA
 SO PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001083723	A2	20011108	WO 2001-US14076	20010501
WO 2001083723	A3	20020502		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG US 2002102693 A1 20020801 US 2001-847519 20010501 PRAI US 2000-201322P P 20000502				

L6 ANSWER 10 OF 67 HCAPLUS COPYRIGHT 2003 ACS

AN 2001:582056 HCAPLUS

DN 135:163437

TI Protein and cDNA sequences of novel **human** proteins DSP-12 and DSP-13 with **dual-specificity MAP kinase phosphatase** activity, and therapeutic uses thereof

IN Luche, Ralf M.; Wei, Bo

PA Ceptyr, Inc., USA

SO PCT Int. Appl., 81 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001057221	A2	20010809	WO 2001-US3429	20010201
	WO 2001057221	A3	20020321		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2001049358	A1	20011206	US 2001-775925	20010201
PRAI	US 2000-179886P	P	20000202		

=> D 11-20

L6 ANSWER 11 OF 67 HCAPLUS COPYRIGHT 2003 ACS

AN 2001:64167 HCAPLUS

DN 134:126840

TI Protein and cDNA sequences of a novel **human** protein DSP-11 with **dual-specificity MAP kinase phosphatase** activity, and therapeutic uses thereof

IN Luche, Ralf M.; Wei, Bo

PA Ceptyr, Inc., USA

SO PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001005983	A1	20010125	WO 2000-US19710	20000719
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1200602	A1	20020502	EP 2000-950452	20000719
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
	JP 2003517293	T2	20030527	JP 2001-511195	20000719
PRAI	US 1999-144557P	P	19990720		
	WO 2000-US19710	W	20000719		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 12 OF 67 HCAPLUS COPYRIGHT 2003 ACS

AN 2001:31658 HCAPLUS

DN 134:96286
TI Protein and cDNA sequences of a novel **human** and mouse protein
DSP-3 with **dual-specificity MAP kinase phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001002582	A1	20010111	WO 2000-US18207	20000629
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	WO 2000060092	A2	20001012	WO 2000-US9185	20000407
	WO 2000060092	A3	20010104		
	WO 2000060092	C2	20020829		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	WO 2001002581	A1	20010111	WO 2000-US10868	20000420
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1196598	A1	20020417	EP 2000-943359	20000629
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	US 1999-142338P	P	19990702		
	WO 2000-US9185	A	20000407		
	WO 2000-US10868	A	20000420		
	US 1999-128225P	P	19990407		
	WO 2000-US18207	W	20000629		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 13 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:31657 HCAPLUS
DN 134:96285
TI Protein and cDNA sequences of a novel **human** protein DSP-3 with **dual-specificity MAP kinase phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001002581	A1	20010111	WO 2000-US10868	20000420
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	WO 2000060092	A2	20001012	WO 2000-US9185	20000407
	WO 2000060092	A3	20010104		
	WO 2000060092	C2	20020829		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	WO 2001002582	A1	20010111	WO 2000-US18207	20000629
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1196598	A1	20020417	EP 2000-943359	20000629
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	US 1999-142338P	P	19990702		
	WO 2000-US9185	A	20000407		
	US 1999-128225P	P	19990407		
	WO 2000-US10868	A	20000420		
	WO 2000-US18207	W	20000629		
RE.CNT	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L6 ANSWER 14 OF 67 MEDLINE
 AN 2001685038 MEDLINE
 DN 21588258 PubMed ID: 11591707
 TI An early growth response protein (Egr) 1 cis-element is required for gonadotropin-releasing hormone-induced mitogen-activated protein kinase phosphatase 2 gene expression.
 AU Zhang T; Wolfe M W; Roberson M S
 CS Department of Biomedical Sciences, College of Veterinary Medicine, Cornell University, Ithaca, New York 14853, USA.
 NC HD34722 (NICHD)
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Dec 7) 276 (49) 45604-13.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200201
 ED Entered STN: 20011204
 Last Updated on STN: 20030105
 Entered Medline: 20020110

L6 ANSWER 15 OF 67 MEDLINE
 AN 2001389104 MEDLINE
 DN 21336655 PubMed ID: 11359773

DUPLICATE 6

TI A Novel MAPK phosphatase M ϕ acts preferentially on JNK/SAPK and p38
 alpha and beta MAPKs.
 AU Tanoue T; Yamamoto T; Maeda R; Nishida E
 CS Department of Biophysics, Graduate School of Science, Kyoto University,
 Sakyo-ku, Kyoto 606-8502, Japan.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Jul 13) 276 (28) 26629-39.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AB052156
 EM 200108
 ED Entered STN: 20010820
 Last Updated on STN: 20030124
 Entered Medline: 20010816

L6 ANSWER 16 OF 67 MEDLINE DUPLICATE 7
 AN 2001547072 MEDLINE
 DN 21464708 PubMed ID: 11581183
 TI CORD9 a new locus for arCRD: mapping to 8p11, estimation of frequency,
 evaluation of a candidate gene.
 AU Danciger M; Hendrickson J; Lyon J; Toomes C; McHale J C; Fishman G A;
 Inglehearn C F; Jacobson S G; Farber D B
 CS Jules Stein Eye Institute, Los Angeles, California, USA.. mdancige@lmu.edu
 NC EY00331 (NEI)
 EY05627 (NEI)
 EY08285 (NEI)
 SO INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE, (2001 Oct) 42 (11)
 2458-65.
 Journal code: 7703701. ISSN: 0146-0404.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200110
 ED Entered STN: 20011015
 Last Updated on STN: 20011022
 Entered Medline: 20011018

L6 ANSWER 17 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 AN 2001:567010 BIOSIS
 DN PREV200100567010
 TI Extracellular-regulated kinases in the postmortem brain of depressed
 suicide victims.
 AU Dwivedi, Y. (1); Rizavi, H. (1); Conely, R. R.; Roberts, R. C.; Tamminga,
 C. A.; Pandey, G. N. (1)
 CS (1) Psychiatric Institute, Univ Illinois, Chicago, IL USA
 SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2075.
 print.
 Meeting Info.: 31st Annual Meeting of the Society for Neuroscience San
 Diego, California, USA November 10-15, 2001
 ISSN: 0190-5295.
 DT Conference
 LA English
 SL English

L6 ANSWER 18 OF 67 MEDLINE DUPLICATE 8
 AN 2001370936 MEDLINE
 DN 21229758 PubMed ID: 11331420
 TI Reduced activation and expression of ERK1/2 MAP kinase in the post-mortem
 brain of depressed suicide subjects.
 AU Dwivedi Y; Rizavi H S; Roberts R C; Conley R C; Tamminga C A; Pandey G N
 CS Psychiatric Institute, Department of Psychiatry, University of Illinois at
 Chicago, 60612, USA.. ydwivedi@psych.uic.edu
 NC K01-01836 (NIMH)
 R01MH5628
 SO JOURNAL OF NEUROCHEMISTRY, (2001 May) 77 (3) 916-28.
 Journal code: 2985190R. ISSN: 0022-3042.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200106
ED Entered STN: 20010702
Last Updated on STN: 20010702
Entered Medline: 20010628

L6 ANSWER 19 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:209906 BIOSIS
DN PREV200200209906
TI High expression of the dual-specificity phosphatase PYST2 in leukocytes derived from AML patients.
AU Levy-Nissenbaum, Orlev (1); Sagi-Assif, Orit (1); Kapon, Dina (1); Hantisteanu, Shay (1); Raanani, Pia; Avigdor, Abraham; Ben-Bassat, Isaac; Witz, Isaac P. (1)
CS (1) Cell Research and Immunology, George S. Wise Faculty of Life Sciences, Tel-Aviv University, Tel Aviv Israel
SO Blood, (November 16, 2001) Vol. 98, No. 11 Part 1, pp. 582a.
<http://www.bloodjournal.org/>. print.
Meeting Info.: 43rd Annual Meeting of the American Society of Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001
ISSN: 0006-4971.
DT Conference
LA English

L6 ANSWER 20 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:199106 BIOSIS
DN PREV200200199106
TI A novel MAPK phosphatase **gene**, MKP-7, at chromosome region 12p12.3 has tumor suppressor properties.
AU Hoornaert, Inge (1); Baens, Mathijs (1); Goris, Jozef; Marynen, Peter (1)
CS (1) Department of Human Genetics, Flanders Interuniversity Institute for Biotechnology, Catholic University Leuven, Leuven Belgium
SO Blood, (November 16, 2001) Vol. 98, No. 11 Part 1, pp. 573a.
<http://www.bloodjournal.org/>. print.
Meeting Info.: 43rd Annual Meeting of the American Society of Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001
ISSN: 0006-4971.
DT Conference
LA English

=> D21-30

D21-30 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> D 21-30

L6 ANSWER 21 OF 67 MEDLINE
AN 2001205834 MEDLINE
DN 21138221 PubMed ID: 11239467
TI Solution structure of ERK2 binding domain of MAPK phosphatase MKP-3: structural insights into MKP-3 activation by ERK2.
AU Farooq A; Chaturvedi G; Mujtaba S; Plotnikova O; Zeng L; Dhalluin C; Ashton R; Zhou M M
CS Structural Biology Program, Department of Physiology and Biophysics, Mount Sinai School of Medicine, New York University, New York, NY 10029, USA.
NC CA80938 (NCI)
SO MOLECULAR CELL, (2001 Feb) 7 (2) 387-99.
Journal code: 9802571. ISSN: 1097-2765.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS PDB-1HZM

EM 200104
 ED Entered STN: 20010417
 Last Updated on STN: 20010417
 Entered Medline: 20010412

L6 ANSWER 22 OF 67 HCAPLUS COPYRIGHT 2003 ACS
 AN 2001:629609 HCAPLUS
 DN 135:340796
 TI A growing family of dual specificity phosphatases with low molecular masses
 AU Aoki, Naohito; Aoyama, Koji; Nagata, Miyuki; Matsuda, Tsukasa
 CS Department of Applied Molecular Biosciences, Graduate School of Bioagricultural Sciences, Nagoya University, Nagoya, 464-8601, Japan
 SO Journal of Biochemistry (Tokyo, Japan) (2001), 130(1), 133-140
 CODEN: JOBIAO; ISSN: 0021-924X
 PB Japanese Biochemical Society
 DT Journal
 LA English
 RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 23 OF 67 MEDLINE
 AN 2001437642 MEDLINE
 DN 21376127 PubMed ID: 11483362
 TI Structural organization of the rat mitogen-activated protein kinase phosphatase 2 gene.
 AU Zhang T; Choy M; Jo M; Roberson M S
 CS Department of Biomedical Sciences, College of Veterinary Medicine, Cornell University, Ithaca, NY 14853, USA.
 NC HD34722 (NICHD)
 SO GENE, (2001 Jul 25) 273 (1) 71-9.
 Journal code: 7706761. ISSN: 0378-1119.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AY028781
 EM 200109
 ED Entered STN: 20011001
 Last Updated on STN: 20011001
 Entered Medline: 20010927

L6 ANSWER 24 OF 67 HCAPLUS COPYRIGHT 2003 ACS
 AN 2000:772772 HCAPLUS
 DN 133:330559
 TI Protein and cDNA sequences of a novel human protein DSP-5 with dual-specificity MAP kinase phosphatase activity, and therapeutic uses thereof
 IN Luche, Ralf M.; Wei, Bo
 PA Ceptyr, Inc., USA
 SO PCT Int. Appl., 76 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000065069	A1	20001102	WO 2000-US11665	20000426
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
JP 2002542786	T2	20021217	JP 2000-614403	20000426
PRAI US 1999-131156P	P	19990427		

US 2000-564357 A 2000
WO 2000-US11665 W 20000426

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 25 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:772771 HCAPLUS
DN 133:330558
TI Protein and cDNA sequences of a novel **human** protein DSP-10 with
dual-specificity MAP kinase phosphatase
activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000065068	A1	20001102	WO 2000-US10966	20000420
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1173587	A1	20020123	EP 2000-928331	20000420
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2002542785	T2	20021217	JP 2000-614402	20000420
	US 6551810	B1	20030422	US 2000-557921	20000420
PRAI	US 1999-130806P	P	19990423		
	WO 2000-US10966	W	20000420		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 26 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:756875 HCAPLUS
DN 133:318308
TI Protein and cDNA sequences of a novel **human** protein DSP-8 with
dual-specificity MAP kinase phosphatase
activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000063393	A1	20001026	WO 2000-US10508	20000419
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1173586	A1	20020123	EP 2000-926122	20000419
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2002541852	T2	20021210	JP 2000-612472	20000419

PRAI US 1999-130173P P 19990419
WO 2000-US10508 W 20000419

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 27 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:725785 HCAPLUS
DN 133:291978
TI Protein and cDNA sequences of a novel **human** protein DSP-9 with
dual-specificity MAP kinase phosphatase
activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 66 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000060100	A1	20001012	WO 2000-US9321	20000407
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,				
	CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,				
	ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,				
	LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,				
	SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,				
	ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6492157	B1	20021210	US 2000-544716	20000406
	EP 1169459	A1	20020109	EP 2000-920216	20000407
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO				
	JP 2002540796	T2	20021203	JP 2000-609590	20000407
PRAI	US 1999-128203P	P	19990407		
	WO 2000-US9321	W	20000407		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 28 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:725784 HCAPLUS
DN 133:306352
TI Protein and cDNA sequences of a novel **human** protein DSP-4 with
dual-specificity MAP kinase phosphatase
activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 63 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000060099	A1	20001012	WO 2000-US9313	20000407
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,				
	CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,				
	ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,				
	LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,				
	SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,				
	ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1171614	A1	20020116	EP 2000-921870	20000407
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO				
	JP 2002540795	T2	20021203	JP 2000-609589	20000407

PRAI US 1999-128204P P 19990
WO 2000-US9313 W 20000407

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 29 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:725783 HCAPLUS
DN 133:291977
TI Protein and cDNA sequences of a novel **human** protein DSP-7 with
dual-specificity MAP kinase phosphatase
activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000060098	A1	20001012	WO 2000-US9257	20000407
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1171613	A1	20020116	EP 2000-921835	20000407
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2002540794	T2	20021203	JP 2000-609588	20000407
PRAI	US 1999-128207P	P	19990407		
	US 1999-135757P	P	19990525		
	WO 2000-US9257	W	20000407		

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 30 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:725778 HCAPLUS
DN 133:291976
TI Protein and cDNA sequences of a novel **human** protein DSP-3 with
dual-specificity MAP kinase phosphatase
activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000060092	A2	20001012	WO 2000-US9185	20000407
	WO 2000060092	A3	20010104		
	WO 2000060092	C2	20020829		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	WO 2001002581	A1	20010111	WO 2000-US10868	20000420
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,			

CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, HR, HU,
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,
ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

WO 2001002582 A1 20010111 WO 2000-US18207 20000629

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,
CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,
ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 1999-128225P P 19990407
US 1999-142338P P 19990702
WO 2000-US9185 A 20000407
WO 2000-US10868 A 20000420

=> D 31-40

L6 ANSWER 31 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:688380 HCAPLUS
DN 133:248094
TI Protein and cDNA sequences of a novel **human** protein DSP-2 with
dual-specificity MAP kinase phosphatase
activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 51 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000056899	A1	20000928	WO 2000-US7589	20000322
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,				
	CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,				
	ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,				
	LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,				
	SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,				
	ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1165805	A1	20020102	EP 2000-919530	20000322
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO				
	JP 2002539792	T2	20021126	JP 2000-606758	20000322
PRAI	US 1999-125957P	P	19990324		
	US 2000-527376	A	20000316		
	WO 2000-US7589	W	20000322		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 32 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:646042 HCAPLUS
DN 133:236826
TI DSP-1 dual-specificity phosphatase
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 74 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000053636	A2	20000914	WO 2000-US6154	20000308
	WO 2000053636	A3	20010215		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 1999-123255P P 19990308

L6 ANSWER 33 OF 67 WPIDS (C) 2003 THOMSON DERWENT

AN 2000-224319 [19] WPIDS

CR 2000-224353 [19]

DNC C2000-068488

TI Novel transgenic plant having e.g. increased yield or earlier flowering, contains a **gene** encoding a dual-specificity mitogen activated protein kinase phosphatase.

DC C06 D16

IN CHIU, W; SHEEN, J

PA (GEHO) GEN HOSPITAL CORP

CYC 23

PI WO 2000009656 A2 20000224 (200019)* EN 46p C12N000-00

RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

W: AU CA CN JP

AU 9954753 A 20000306 (200030) C12N000-00

US 6548743 B1 20030415 (200329) A01H005-00

ADT WO 2000009656 A2 WO 1999-US18127 19990810; AU 9954753 A AU 1999-54753 19990810; US 6548743 B1 Provisional US 1998-95938P 19980810, Provisional US 1999-115934P 19990114, US 1999-371671 19990810

FDT AU 9954753 A Based on WO 200009656

PRAI US 1999-115934P 19990114; US 1998-95938P 19980810; US 1999-371671 19990810

IC ICM A01H005-00; C12N000-00

ICS A01H005-10; C12N005-04; C12N015-54; C12N015-82

L6 ANSWER 34 OF 67 MEDLINE

DUPLICATE 9

AN 2000512046 MEDLINE

DN 20520151 PubMed ID: 11064451

TI CL100/MKP-1 modulates JNK activation and apoptosis in response to cisplatin.

AU Sanchez-Perez I; Martinez-Gomariz M; Williams D; Keyse S M; Perona R

CS Instituto de Investigaciones Biomedicas C.S.I.C.-UAM, C/Arturo Duperier, 4, 28029 Madrid, Spain.

SO ONCOGENE, (2000 Oct 26) 19 (45) 5142-52.

Journal code: 8711562. ISSN: 0950-9232.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200011

ED Entered STN: 20010322

Last Updated on STN: 20010322

Entered Medline: 20001121

L6 ANSWER 35 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 2000:514704 BIOSIS

DN PREV200000514704

TI Association study on the DUSP6 **gene**: An affective disorder candidate **gene** on 12q23, performed by using fluorescence resonance energy transfer-based melting curve analysis.

AU Toyota, T. (1); Watanabe, A. (1); Shibuya, H.; Nankai, M.; Hattori, E.

(1); Yamada, K. (1); Kurum Karkera, J. D.; Detera-Wadle S. D.; Yoshikawa, T. (1)

CS (1) Laboratory for Molecular Psychiatry, Brain Science Institute, RIKEN, Wako, Saitama, 351-0198 Japan

SO American Journal of Medical Genetics, (August 7, 2000) Vol. 96, No. 4, pp. 570. print.

Meeting Info.: Eighth World Congress on Psychiatric Genetics Versailles, France August 27-31, 2000 International Society of Psychiatric Genetics . ISSN: 0148-7299.

DT Conference

LA English

SL English

L6 ANSWER 36 OF 67 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 10

AN 2000271586 EMBASE

TI Adhesion to fibronectin enhances MKP-1 activation in **human** endothelial cells.

AU Kim F.; Corson M.A.

CS F. Kim, University of Washington, Division of Cardiology, Harborview Medical Center, 325 9th Avenue, Seattle, WA 98104, United States. fkim@u.washington.edu

SO Biochemical and Biophysical Research Communications, (2000) 273/2 (539-545).

Refs: 28

ISSN: 0006-291X CODEN: BBRCA

CY United States

DT Journal; Article

FS 029 Clinical Biochemistry

LA English

SL English

L6 ANSWER 37 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 11

AN 2000:483401 BIOSIS

DN PREV200000483401

TI Association study on the DUSP6 **gene**, an affective disorder candidate **gene** on 12q23, performed by using fluorescence resonance energy transfer-based melting curve analysis on the LightCycler.

AU Toyota, T.; Watanabe, A.; Shibuya, H.; Nankai, M.; Hattori, E.; Yamada, K.; Kurumaji, A.; Karkera, J. D.; Detera-Wadleigh, S. D.; Yoshikawa, T. (1)

CS (1) Laboratory for Molecular Psychiatry, Brain Science Institute, RIKEN, 2-1 Hirosawa, Wako, Saitama, 351-0198 Japan

SO Molecular Psychiatry, (September, 2000) Vol. 5, No. 5, pp. 489-494. print. ISSN: 1359-4184.

DT Article

LA English

SL English

L6 ANSWER 38 OF 67 MEDLINE

AN 2000479780 MEDLINE

DN 20485125 PubMed ID: 11032376

TI Association study on the DUSP6 **gene**, an affective disorder candidate **gene** on 12q23, performed by using fluorescence resonance energy transfer-based melting curve analysis on the LightCycler.

AU Toyota T; Watanabe A; Shibuya H; Nankai M; Hattori E; Yamada K; Kurumaji A; Karkera J D; Detera-Wadleigh S D; Yoshikawa T

CS Laboratory for Molecular Psychiatry, Brain Science Institute, RIKEN, Wako, Saitama, Japan.

SO MOLECULAR PSYCHIATRY, (2000 Sep) 5 (5) 461, 489-94. Journal code: 9607835. ISSN: 1359-4184.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200102

ED Entered STN: 20010322

Last Updated on STN: 20030318

Entered Medline: 20010201

L6 ANSWER 39 OF 67 MEDLINE
 AN 1999403109 MEDLINE
 DN 99403109 PubMed ID: 10473620
 TI Activation of the protein kinase ERK5/BMK1 by receptor tyrosine kinases.
 Identification and characterization of a signaling pathway to the
 nucleus..
 AU Kamakura S; Moriguchi T; Nishida E
 CS Department of Biophysics, Graduate School of Science, Kyoto University,
 Sakyo-ku, Kyoto 606-8502, Japan.. L50174@sakura.kudpc.kyoto-u.ac.jp
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Sep 10) 274 (37) 26563-71.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AB019373; GENBANK-AB019374
 EM 199910
 ED Entered STN: 19991014
 Last Updated on STN: 20000303
 Entered Medline: 19991007

L6 ANSWER 40 OF 67 MEDLINE DUPLICATE 12
 AN 1999230321 MEDLINE
 DN 99230321 PubMed ID: 10212278
 TI Mitogen-activated protein kinase phosphatase-1 (MKP-1) expression is
 induced by low oxygen conditions found in solid tumor microenvironments. A
 candidate MKP for the inactivation of hypoxia-inducible stress-activated
 protein kinase/c-Jun N-terminal protein kinase activity.
 AU Laderoute K R; Mendonca H L; Calaoagan J M; Knapp A M; Giaccia A J; Stork
 P J
 CS Pharmaceutical Discovery Division, SRI International, Menlo Park,
 California 94025, USA.. keith.laderoute@sri.com
 NC CA20329 (NCI)
 CA67166 (NCI)
 CA73807 (NCI)
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Apr 30) 274 (18) 12890-7.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199906
 ED Entered STN: 19990614
 Last Updated on STN: 20021015
 Entered Medline: 19990603

=> D 41-50

L6 ANSWER 41 OF 67 MEDLINE DUPLICATE 13
 AN 1999223488 MEDLINE
 DN 99223488 PubMed ID: 10206983
 TI Inhibition of T cell signaling by mitogen-activated protein
 kinase-targeted hematopoietic tyrosine phosphatase (HePTP).
 AU Saxena M; Williams S; Brockdorff J; Gilman J; Mustelin T
 CS Division of Cell Biology, La Jolla Institute for Allergy and Immunology,
 San Diego, California 92121, USA.
 NC AI35603 (NIAID)
 AI41481 (NIAID)
 GM48960 (NIGMS)
 +
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Apr 23) 274 (17) 11693-700.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199905

ED Entered STN: 19990601
Last Updated on STN: 19990601
Entered Medline: 19990520

L6 ANSWER 42 OF 67 MEDLINE DUPLICATE 14
AN 1999147032 MEDLINE
DN 99147032 PubMed ID: 10022884
TI All-trans-retinoic acid inhibits Jun N-terminal kinase by increasing dual-specificity phosphatase activity.
AU Lee H Y; Sueoka N; Hong W K; Mangelsdorf D J; Claret F X; Kurie J M
CS Departments of Thoracic/Head and Neck Medical Oncology, University of Texas- M. D. Anderson Cancer Center, Houston, Texas 77030, USA.
NC P50 CA70907 (NCI)
R29 CA67353 (NCI)
SO MOLECULAR AND CELLULAR BIOLOGY, (1999 Mar) 19 (3) 1973-80.
Journal code: 8109087. ISSN: 0270-7306.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199903
ED Entered STN: 19990402
Last Updated on STN: 19990402
Entered Medline: 19990325

L6 ANSWER 43 OF 67 MEDLINE DUPLICATE 15
AN 1999330553 MEDLINE
DN 99330553 PubMed ID: 10400993
TI PTEN mutation spectrum and **genotype**-phenotype correlations in Bannayan-Riley-Ruvalcaba syndrome suggest a single entity with Cowden syndrome.
AU Marsh D J; Kum J B; Lunetta K L; Bennett M J; Gorlin R J; Ahmed S F; Bodurtha J; Crowe C; Curtis M A; Dasouki M; Dunn T; Feit H; Geraghty M T; Graham J M Jr; Hodgson S V; Hunter A; Korf B R; Manchester D; Miesfeldt S; Murday V A; Nathanson K L; Parisi M; Pober B; Romano C; Eng C; +
CS Clinical Cancer Genetics and Human Cancer Genetics Programs, Ohio State University Comprehensive Cancer Center, 690C Medical Research Facility, 420 West 12th Avenue, Columbus, OH 43210, USA.
NC P30 CA16058 (NCI)
SO HUMAN MOLECULAR GENETICS, (1999 Aug) 8 (8) 1461-72.
Journal code: 9208958. ISSN: 0964-6906.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199909
ED Entered STN: 19990925
Last Updated on STN: 19990925
Entered Medline: 19990914

L6 ANSWER 44 OF 67 MEDLINE DUPLICATE 16
AN 1998148061 MEDLINE
DN 98148061 PubMed ID: 9478967
TI Enhancement of fibroblast collagenase (matrix metalloproteinase-1) **gene** expression by ceramide is mediated by extracellular signal-regulated and stress-activated protein kinase pathways.
AU Reunanen N; Westermarck J; Hakkinen L; Holmstrom T H; Elo I; Eriksson J E; Kahari V M
CS Department of Dermatology, Turku University Central Hospital, FIN-20520 Turku, Finland.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Feb 27) 273 (9) 5137-45.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Space Life Sciences
EM 199803
ED Entered STN: 19980407
Last Updated on STN: 20000303

Entered Medline: 19980325

L6 ANSWER 45 OF 67 MEDLINE DUPLICATE 17
AN 1999007190 MEDLINE
DN 99007190 PubMed ID: 9788880
TI Isolation of the **human genes** encoding the pyst1 and
Pyst2 phosphatases: characterisation of Pyst2 as a cytosolic **dual**
-specificity **MAP kinase phosphatase** and its catalytic
activation by both MAP and SAP kinases.
AU Dowd S; Sneddon A A; Keyse S M
CS ICRF Molecular Pharmacology Unit, Biomedical Research Centre, Ninewells
Hospital, Dundee DD1 9SY, Scotland, UK.
SO JOURNAL OF CELL SCIENCE, (1998 Nov) 111 (Pt 22) 3389-99.
Journal code: 0052457. ISSN: 0021-9533.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199901
ED Entered STN: 19990202
Last Updated on STN: 20000303
Entered Medline: 19990121

L6 ANSWER 46 OF 67 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.
AN 1998359623 EMBASE
TI Germline PTEN mutations in Cowden syndrome-like families.
AU Marsh D.J.; Dahia P.L.M.; Caron S.; Kum J.B.; Frayling I.M.; Tomlinson
I.P.M.; Hughes K.S.; Eeles R.A.; Hodgson S.V.; Murday V.A.; Houlston R.;
Eng C.
CS Dr. C. Eng, Human Cancer Genetics Program, Ohio State University,
Comprehensive Cancer Center, 420 W 12th Avenue, Columbus, OH 43210, United
States
SO Journal of Medical Genetics, (1998) 35/11 (881-885).
Refs: 42
ISSN: 0022-2593 CODEN: JMDGAE
CY United Kingdom
DT Journal; Article
FS 005 General Pathology and Pathological Anatomy
016 Cancer
022 Human Genetics
LA English
SL English

L6 ANSWER 47 OF 67 MEDLINE
AN 1999155801 MEDLINE
DN 99155801 PubMed ID: 10036776
TI Identification of a **dual-specificity protein phosphatase**
that inactivates a **MAP kinase** from Arabidopsis.
AU Gupta R; Huang Y; Kieber J; Luan S
CS Department of Plant and Microbial Biology, University of California at
Berkeley 94720, USA.
SO PLANT JOURNAL, (1998 Dec) 16 (5) 581-9.
Journal code: 9207397. ISSN: 0960-7412.
(Investigators: Evans M L, OH St U, Columbus)
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Space Life Sciences
OS GENBANK-Y18620
EM 199903
ED Entered STN: 19990402
Last Updated on STN: 20020201
Entered Medline: 19990325

L6 ANSWER 48 OF 67 MEDLINE DUPLICATE 18
AN 1999120524 MEDLINE
DN 99120524 PubMed ID: 9923649
TI Enhancement of fibroblast collagenase-1 (MMP-1) **gene** expression
by tumor promoter okadaic acid is mediated by stress-activated protein

kinases Jun N-terminal kinase and p38.
 AU Westermarck J; Holmstrom T; Mäkinen M; Eriksson J E; Kahari V M
 CS Department of Medical Biochemistry, University of Turku, Finland.
 SO MATRIX BIOLOGY, (1998 Dec) 17 (8-9) 547-57.
 Journal code: 9432592. ISSN: 0945-053X.
 CY GERMANY: Germany, Federal Republic of
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199904
 ED Entered STN: 19990426
 Last Updated on STN: 20000303
 Entered Medline: 19990413

L6 ANSWER 49 OF 67 MEDLINE DUPLICATE 19
 AN 1998406169 MEDLINE
 DN 98406169 PubMed ID: 9733650
 TI A model of Cdc25 phosphatase catalytic domain and Cdk-interaction surface based on the presence of a rhodanese homology domain.
 AU Hofmann K; Bucher P; Kajava A V
 CS Bioinformatics Group, Swiss Institute for Experimental Cancer Research, Chemin des Boveresses 155, Epalinges, CH-1066, Switzerland..
 Kay.Hofmann@memorec.com
 SO JOURNAL OF MOLECULAR BIOLOGY, (1998 Sep 11) 282 (1) 195-208.
 Journal code: 2985088R. ISSN: 0022-2836.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199810
 ED Entered STN: 19981021
 Last Updated on STN: 20000303
 Entered Medline: 19981015

L6 ANSWER 50 OF 67 MEDLINE DUPLICATE 20
 AN 1999077745 MEDLINE
 DN 99077745 PubMed ID: 9858808
 TI Genomic analysis of DUSP6, a dual specificity
 MAP kinase phosphatase, in pancreatic cancer.
 AU Furukawa T; Yatsuoka T; Youssef E M; Abe T; Yokoyama T; Fukushige S; Soeda E; Hoshi M; Hayashi Y; Sunamura M; Kobari M; Horii A
 CS Molecular Pathology, Tohoku University School of Medicine, Sendai; (Japan).
 SO CYTOGENETICS AND CELL GENETICS, (1998) 82 (3-4) 156-9.
 Journal code: 0367735. ISSN: 0301-0171.
 CY Switzerland
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AB013382; GENBANK-AB013383; GENBANK
 -AB013600; GENBANK-AB013601; GENBANK-AB013602
 EM 199902
 ED Entered STN: 19990216
 Last Updated on STN: 20000303
 Entered Medline: 19990201

=> D 51-60

L6 ANSWER 51 OF 67 MEDLINE
 AN 1998261775 MEDLINE
 DN 98261775 PubMed ID: 9599409
 TI Protein phosphatases and the regulation of MAP kinase activity.
 AU Keyse S M
 CS ICRF Molecular Pharmacology, Ninewells Hospital, Dundee, Scotland, UK.
 SO SEMINARS IN CELL AND DEVELOPMENTAL BIOLOGY, (1998 Apr) 9 (2) 143-52. Ref: 72
 Journal code: 9607332. ISSN: 1084-9521.
 CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 199807
ED Entered STN: 19980811
Last Updated on STN: 19980811
Entered Medline: 19980729

L6 ANSWER 52 OF 67 MEDLINE
AN 1998364306 MEDLINE
DN 98364306 PubMed ID: 9699150
TI Hippocampal plasticity involves extensive **gene** induction and multiple cellular mechanisms.
AU Hevroni D; Rattner A; Bundman M; Lederfein D; Gabarah A; Mangelus M; Silverman M A; Kedar H; Naor C; Kornuc M; Hanoch T; Seger R; Theill L E; Nedivi E; Richter-Levin G; Citri Y
CS Department of Hormone Research, Weizmann Institute of Science, Rehovot, Israel.
SO JOURNAL OF MOLECULAR NEUROSCIENCE, (1998 Apr) 10 (2) 75-98. Ref: 130
Journal code: 9002991. ISSN: 0895-8696.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LA English
FS Priority Journals
OS GENBANK-U78857; GENBANK-U78875
EM 199810
ED Entered STN: 19981029
Last Updated on STN: 19981029
Entered Medline: 19981020

L6 ANSWER 53 OF 67 MEDLINE DUPLICATE 21
AN 1998105253 MEDLINE
DN 98105253 PubMed ID: 9443042
TI Allelic imbalance, including deletion of PTEN/MMAC1, at the Cowden disease locus on 10q22-23, in hamartomas from patients with Cowden syndrome and germline PTEN mutation.
AU Marsh D J; Dahia P L; Coulon V; Zheng Z; Dorion-Bonnet F; Call K M; Little R; Lin A Y; Eeles R A; Goldstein A M; Hodgson S V; Richardson A L; Robinson B G; Weber H C; Longy M; Eng C
CS Department of Adult Oncology, Dana-Farber Cancer Institute, Boston, Massachusetts, USA.
SO GENES, CHROMOSOMES AND CANCER, (1998 Jan) 21 (1) 61-9.
Journal code: 9007329. ISSN: 1045-2257.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199802
ED Entered STN: 19980224
Last Updated on STN: 19980224
Entered Medline: 19980212

L6 ANSWER 54 OF 67 MEDLINE DUPLICATE 22
AN 1998389481 MEDLINE
DN 98389481 PubMed ID: 9724088
TI Peripheral T lymphocytes from women with breast cancer exhibit abnormal protein expression of several signaling molecules.
AU Kurt R A; Urba W J; Smith J W; Schoof D D
CS Laboratory of Cellular Immunology, Robert W. Franz Cancer Research Center, Earle A. Chiles Research Institute, Portland, OR, USA..
Robert_Kurt@phsor.org
SO INTERNATIONAL JOURNAL OF CANCER, (1998 Sep 25) 78 (1) 16-20.
Journal code: 0042124. ISSN: 0020-7136.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)

LA English
 FS Priority Journals
 EM 199809
 ED Entered STN: 19980917
 Last Updated on STN: 19980917
 Entered Medline: 19980908

L6 ANSWER 55 OF 67 WPIDS (C) 2003 THOMSON DERWENT
 AN 1997-154253 [14] WPIDS
 DNC C1997-049362
 TI Murine mitogen activated protein (MAP) kinase
 phosphatase M3/6 - is a suspected dual specificity
 Thr-Tyr phosphatase, useful for diagnosing and treating neuro-degenerative
 or proliferative diseases e.g. tumours.
 DC B04 D16
 IN DAVIES, K E; THEODOSIOU, A
 PA (MEDI-N) MEDICAL RES COUNCIL
 CYC 71
 PI WO 9706245 A1 19970220 (199714)* EN 51p C12N009-00
 RW: AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD
 SE SZ UG
 W: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL
 IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
 PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN
 AU 9666649 A 19970305 (199726) C12N009-00
 ADT WO 9706245 A1 WO 1996-GB1906 19960805; AU 9666649 A AU 1996-66649 19960805
 FDT AU 9666649 A Based on WO 9706245
 PRAI GB 1995-16059 19950804
 IC ICM C12N009-00

L6 ANSWER 56 OF 67 MEDLINE DUPLICATE 23
 AN 97347495 MEDLINE
 DN 97347495 PubMed ID: 9202001
 TI Conditional expression of the mitogen-activated protein kinase (MAPK)
 phosphatase MKP-1 preferentially inhibits p38 MAPK and stress-activated
 protein kinase in U937 cells.
 AU Franklin C C; Kraft A S
 CS Department of Medicine, Division of Medical Oncology, University of
 Colorado Health Sciences Center, Denver, Colorado 80262, USA..
 chris.franklin@uchsc.edu
 NC CA42533 (NCI)
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Jul 4) 272 (27) 16917-23.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199707
 ED Entered STN: 19970812
 Last Updated on STN: 20000303
 Entered Medline: 19970731

L6 ANSWER 57 OF 67 MEDLINE DUPLICATE 24
 AN 97184169 MEDLINE
 DN 97184169 PubMed ID: 9030581
 TI Molecular cloning and functional characterization of a novel
 mitogen-activated protein kinase phosphatase, MKP-4.
 AU Muda M; Boschert U; Smith A; Antonsson B; Gillieron C; Chabert C; Camps M;
 Martinou I; Ashworth A; Arkinstall S
 CS Geneva Biomedical Research Institute, Glaxo Wellcome Research and
 Development S.A., CH-1228 Plan-les-Ouates, Geneva, Switzerland.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Feb 21) 272 (8) 5141-51.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-Y08302
 EM 199704

ED Entered STN: 19970414
Last Updated on STN: 19970414
Entered Medline: 19970403

L6 ANSWER 58 OF 67 MEDLINE DUPLICATE 25
AN 1998062335 MEDLINE
DN 98062335 PubMed ID: 9398674
TI Derepressed hyphal growth and reduced virulence in a VH1 family-related protein phosphatase mutant of the **human** pathogen *Candida albicans*.
AU Csank C; Makris C; Meloche S; Schroppel K; Rollinghoff M; Dignard D; Thomas D Y; Whiteway M
CS Centre de Recherche, Hotel-Dieu de Montreal and Department of Pharmacology, University of Montreal, Montreal, Quebec, Canada H2W 1T8.
SO MOLECULAR BIOLOGY OF THE CELL, (1997 Dec) 8 (12) 2539-51.
Journal code: 9201390. ISSN: 1059-1524.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-L01038
EM 200007
ED Entered STN: 20000811
Last Updated on STN: 20030206
Entered Medline: 20000728

L6 ANSWER 59 OF 67 MEDLINE DUPLICATE 26
AN 97349124 MEDLINE
DN 97349124 PubMed ID: 9205128
TI Chromosomal localization of three **human** dual specificity phosphatase **genes** (DUSP4, DUSP6, and DUSP7).
AU Smith A; Price C; Cullen M; Muda M; King A; Ozanne B; Arkinstall S; Ashworth A
CS Cancer Research Campaign Centre for Cell and Molecular Biology, Chester Beatty Laboratories, The Institute of Cancer Research, London, United Kingdom.
SO GENOMICS, (1997 Jun 15) 42 (3) 524-7.
Journal code: 8800135. ISSN: 0888-7543.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-R85633; **GENBANK**-T09370; **GENBANK**-T15892; **GENBANK**-T65624
EM 199709
ED Entered STN: 19970916
Last Updated on STN: 19970916
Entered Medline: 19970902

L6 ANSWER 60 OF 67 MEDLINE DUPLICATE 27
AN 96312959 MEDLINE
DN 96312959 PubMed ID: 8670865
TI Differential regulation of the MAP, SAP and RK/p38 kinases by Pyst1, a novel cytosolic dual-specificity phosphatase.
AU Groom L A; Sneddon A A; Alessi D R; Dowd S; Keyse S M
CS ICRF Molecular Pharmacology Unit, Ninewells Hospital, Dundee, UK.
SO EMBO JOURNAL, (1996 Jul 15) 15 (14) 3621-32.
Journal code: 8208664. ISSN: 0261-4189.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-X93920; **GENBANK**-X93921
EM 199609
ED Entered STN: 19960924
Last Updated on STN: 20000303
Entered Medline: 19960916

=> D 61-67

L6 ANSWER 61 OF 67 MEDLINE DUPLICATE 28
AN 96075524 MEDLINE
DN 96075524 PubMed ID: 7585624
TI Mitogen-activated protein kinase acts as a negative regulator of the heat shock response in NIH3T3 cells.
AU Mivechi N F; Giaccia A J
CS Department of Radiation Oncology, Stanford University School of Medicine, California 94305, USA.
NC CA 58838 (NCI)
CA 59053 (NCI)
SO CANCER RESEARCH, (1995 Dec 1) 55 (23) 5512-9.
Journal code: 2984705R. ISSN: 0008-5472.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199512
ED Entered STN: 19960124
Last Updated on STN: 20000303
Entered Medline: 19951214

L6 ANSWER 62 OF 67 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 29
AN 95085875 EMBASE
DN 1995085875
TI An emerging family of dual specificity MAP kinase phosphatases.
AU Keyse S.M.
CS ICRF Molecular Pharmacology Unit, Biomedical Research Centre, Ninewells Hospital, Dundee DD1 9SY, United Kingdom
SO Biochimica et Biophysica Acta - Molecular Cell Research, (1995) 1265/2-3 (152-160).
ISSN: 0167-4889 CODEN: BAMRDP
CY Netherlands
DT Journal; General Review
FS 029 Clinical Biochemistry
LA English

L6 ANSWER 63 OF 67 MEDLINE DUPLICATE 30
AN 96070437 MEDLINE
DN 96070437 PubMed ID: 7590752
TI Genomic organization and chromosomal localization of the DUSP2 gene, encoding a MAP kinase phosphatase, to human 2p11.2-q11.
AU Yi H; Morton C C; Weremowicz S; McBride O W; Kelly K
CS Laboratory of Biochemistry, National Cancer Institute, National Institutes of Health, Bethesda, Maryland 20892, USA.
SO GENOMICS, (1995 Jul 1) 28 (1) 92-6.
Journal code: 8800135. ISSN: 0888-7543.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-U23853
EM 199512
ED Entered STN: 19960124
Last Updated on STN: 19980206
Entered Medline: 19951204

L6 ANSWER 64 OF 67 MEDLINE DUPLICATE 31
AN 94222414 MEDLINE
DN 94222414 PubMed ID: 8168826
TI The CL100 ***gene***, which encodes a dual specificity (Tyr/Thr) MAP kinase phosphatase, is highly conserved and maps to human chromosome 5q34.
AU Emslie E A; Jones T A; Sheer D; Keyse S M
CS ICRF Molecular Pharmacology Unit, Ninewells Hospital, Dundee, UK.
SO HUMAN GENETICS, (1994 May) 93 (5) 513-6.

Journal code: 7613873. ISSN: 0340-6717.
CY GERMANY: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199406
ED Entered STN: 19940613
Last Updated on STN: 19940613
Entered Medline: 19940602

L6 ANSWER 65 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 1995:952485 HCAPLUS
DN 124:22615
TI Oxidative stress and heat shock induce the expression of the **human**
CL100 ***gene***, which encodes a **dual** specificity (Thr/Tyr)
MAP kinase phosphatase
AU Sneddon, Alan A.; Lewis, Tom A.; Smythe, Carl; Alessi, Dario R.; Keyse,
Stephen M.
CS Biomedical Research Centre, Ninewells Hospital, Dundee, DD1 9SY, UK
SO Advances in Protein Phosphatases (1994), 8, 69-85
CODEN: APPHE3; ISSN: 0775-051X
PB Leuven University Press
DT Journal; General Review
LA English

L6 ANSWER 66 OF 67 MEDLINE DUPLICATE 32
AN 93288417 MEDLINE
DN 93288417 PubMed ID: 8390041
TI The **human** CL100 **gene** encodes a Tyr/Thr-protein
phosphatase which potentially and specifically inactivates MAP kinase and
suppresses its activation by oncogenic ras in Xenopus oocyte extracts.
AU Alessi D R; Smythe C; Keyse S M
CS Department of Biochemistry, The University, Dundee.
SO ONCOGENE, (1993 Jul) 8 (7) 2015-20.
Journal code: 8711562. ISSN: 0950-9232.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199307
ED Entered STN: 19930723
Last Updated on STN: 19980206
Entered Medline: 19930709

L6 ANSWER 67 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 1994:26325 HCAPLUS
DN 120:26325
TI Amino acid sequence similarity between CL100, a **dual**-specificity
MAP kinase phosphatase and cdc25
AU Keyse, Stephen M.; Ginsburg, Michelle
CS Biomed. Res. Cent., Ninewells Hosp., Dundee, DD1 9SY, UK
SO Trends in Biochemical Sciences (1993), 18(10), 377-8
CODEN: TBSCDB; ISSN: 0376-5067
DT Journal
LA English

=> S LUCHE, ?/AU
L7 698 LUCHE, ?/AU

=> S L7 AN L5
MISSING OPERATOR L7 AN
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> S L7 AND L5
L8 16 L7 AND L5

=> S L8 NOT L6

L9 0 L8 NOT L6

=> DL8

DL8 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> D L8

L8 ANSWER 1 OF 16 HCAPLUS COPYRIGHT 2003 ACS

AN 2002:256483 HCAPLUS

DN 136:290009

TI Protein and cDNA sequences of a novel human protein DSP-16 with
dual-specificity MAP kinase phosphatase
activity, and therapeutic uses thereof

IN Luche, Ralf M.; Wei, Bo

PA Ceptyr, Inc., USA

SO PCT Int. Appl., 87 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002026997	A2	20020404	WO 2001-US30124	20010925
	WO 2002026997	A3	20030109		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2001094744	A5	20020408	AU 2001-94744	20010925
	US 2002137170	A1	20020926	US 2001-964277	20010925
PRAI	US 2000-235487P	P	20000926		
	WO 2001-US30124	W	20010925		

=> DIS HIS

(FILE 'HOME' ENTERED AT 16:39:47 ON 27 JUN 2003)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 16:40:01 ON 27 JUN 2003

L1 3545 S DUAL (5A) PHOSPHATASE
L2 590 S L1 (5A) MAP?
L3 229 S L2 AND HUMAN
L4 188 S L3 (5A) (DNA OR RECOMBINANT OR GENE?)
L5 203 S L3 (5A) (DNA OR RECOMBINANT OR GEN? OR NUCLE?)
L6 67 DUP REM L5 (136 DUPLICATES REMOVED)
L7 698 S LUCHE, ?/AU
L8 16 S L7 AND L5
L9 0 S L8 NOT L6

=> LOG H

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

106.18

106.39

SESSION WILL BE HELD FOR 60 MINUTES